

**SACO DAYTON INC.
YORK COUNTY
LYMAN, MAINE
A-867-71-B-M**

**)
)
)
)** **DEPARTMENTAL
FINDINGS OF FACT AND ORDER
AIR EMISSION LICENSE
Amendment #1**

After review of the air emission license application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

Saco Dayton Inc. (Saco Dayton), located in Lyman, Maine was issued Air Emission License #A-867-71-A-N on July 11, 2003, permitting the operation of emission sources associated with their crushed stone and gravel facility.

Saco Dayton has applied to amend their license to clarify that the crusher listed in License #A-867-71-A-N (originally identified as "Crusher") is in fact a Primary Jaw Crusher and a Secondary Cone Crusher arranged in series.

B. Revised Emission Equipment

Rock Crushers:

<u>Designation</u>	<u>Powered</u>	<u>Process Rate (tons/hour)</u>	<u>Control Device</u>	<u>Date of Manufacture</u>
Primary Crusher	Diesel	300	Spray Nozzles	2003
Secondary Crusher	Diesel	300	Spray Nozzles	2003

C. Application Classification

This amendment application for Saco Dayton does not include the licensing of increased emissions or the installation of new or modified equipment. Therefore, the license is considered to be a minor revision of current licensed emission units only.

**SACO DAYTON INC.
YORK COUNTY
LYMAN, MAINE
A-867-71-B-M**

)
)
)
2

**DEPARTMENTAL
FINDINGS OF FACT AND ORDER
AIR EMISSION LICENSE
Amendment #1**

II. BEST PRACTICAL TREATMENT

In order to receive a license, the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in Chapter 100 of the Bureau of Air Quality regulations. BPT for new units consists of meeting Best Available Control Technology (BACT).

A. Primary and Secondary Rock Crushers

The primary and secondary rock crushers were manufactured in 2003 with a rated capacity of 300 ton/hr each. The rock crushers are therefore subject to EPA New Source Performance Standards (NSPS) Subpart OOO for Nonmetallic Mineral Processing Plants manufactured after August 31, 1983, with capacities greater than 150 tons/hr for portable plants and greater than 25 tons/hr for non-portable plants.

The regulated pollutant from the rock crushers is particulate emissions. To meet the requirements of BACT for control of particulate matter (PM) emissions from the rock crushers, Saco Dayton shall install and maintain water sprays on the rock crusher, and operate them as needed. Visible emissions from the rock crusher shall be limited to no greater than 10% opacity on a 6 minute block average basis.

III. AMBIENT AIR QUALITY ANALYSIS

According to the Maine Regulation Chapter 115, the level of air quality analyses required for a minor source shall be determined on a case-by-case basis. Based on the information available in the file, and the similarity to existing sources, Maine Ambient Air Quality Standards (MAAQS) will not be violated by this source.

ORDER

The Department hereby grants Air Emission License A-867-71-B-M, subject to the conditions contained in License A-867-71-A-N and the following conditions:

SPECIFIC CONDITIONS

The following shall replace Specific Condition (16) in License A-867-71-A-N

(16) Primary and Secondary Rock Crushers

- a. Saco Dayton shall install and maintain spray nozzles, and operate them as necessary for particulate control on the primary and secondary rock crushers. Visible emissions from the crushing operation shall be limited to no greater than 10% opacity on a 6 minute block average basis. [MEDEP Chapter 115, Chapter 101, BACT]

**SACO DAYTON INC.
YORK COUNTY
LYMAN, MAINE
A-867-71-B-M**

)
)
)
3

**DEPARTMENTAL
FINDINGS OF FACT AND ORDER
AIR EMISSION LICENSE
Amendment #1**

- b. Saco Dayton shall maintain a log detailing the maintenance on the water spray nozzles. The maintenance log shall be kept on-site at the rock crushing location. [MEDEP Chapter 115, BACT]
- c. Saco Dayton shall maintain a log detailing and quantifying the hours of operation on a daily basis for the primary and secondary rock crushers. The operation log shall be kept on-site at the rock crushing location. [MEDEP Chapter 115, BACT]
- d. The primary and secondary rock crushers are subject to 40 CFR Part 60 Subparts A and OOO and Saco Dayton shall comply with the notification and record keeping requirements of 40 CFR Part 60.676 and Part 60.7, except for Section (a)(2) of 60.7 per Subpart OOO, §60.676(h). [40 CFR Part 60 Subparts A and OOO]
- e. Saco Dayton shall have an initial performance test performed on the rock crushing operation per the applicable sections of 40 CFR Part 60, Subpart OOO, §60.675. This consists of a certified Method 9 observation. The performance test shall be completed within 60 days after achieving the maximum production rate at which the units will be operated, but no later than 180 days after initial startup of the unit. Saco Dayton shall submit a test notice to the regional inspector at least 30 days prior to the performance test. Any rescheduled test requires a 7 day notice to the regional inspector. [40 CFR Part 60 Subparts A and OOO]

The following shall replace Specific Condition (21) of License A-867-71-A-N:

- (21) Saco Dayton shall pay the annual air emission license fee within 30 days of **July 31st** of each year. Pursuant to 38 MRSA §353-A, failure to pay this annual fee in the stated timeframe is sufficient grounds for revocation of the license under 38 MRSA §341-D, subsection 3. [38 MRSA §353-A]

The following are new Conditions.

- (1) Saco Dayton shall keep a copy of this Order on site, and have the operator(s) be familiar with the terms of this Order. [MEDEP Chapter 115]

SACO DAYTON INC.
YORK COUNTY
LYMAN, MAINE
A-867-71-B-M

)
)
)
4

DEPARTMENTAL
FINDINGS OF FACT AND ORDER
AIR EMISSION LICENSE
Amendment #1

(2) This Order shall expire concurrently with Air Emission License #A-867-71-A-N.

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF , 2004.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAWN R. GALLAGHER, COMMISSIONER

PLEASE NOTE THE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 8/17/2004

Date of application acceptance: 8/18/2004

Date filed with the Board of Environmental Protection: _____

This order prepared by Jonathan Voisine. Bureau of Air Quality.